L Number	Hits	Search Text	DB	Time stamp
1	99	ormosil	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2004/01/21 09:42
2	20	(ormosil ormocer) and (particle near4 (size or diameter)) and ((inorganic adj filler) or "tio2" or (titanium adj oxide) or (titanium adj dioxide) or titania or "zro2" or (zirconium adj oxide) or (zirconium adj dioxide) or zirconia or "al2o3" or (aluminum adj oxide) or alumina or "sic" or (silicon adj carbide)) and (substrate same (metal metallic steel aluminum))	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/21 09:44
6	8	"5112884"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/21 11:52
7	4203	428/336.ccls. 524/858.ccls. 524/859.ccls. 106/14.44.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/01/21 11:53
8		((ormosil ormocer) and (particle near4 (size or diameter)) and ((inorganic adj filler) or "tio2" or (titanium adj oxide) or (titanium adj dioxide) or titania or "zro2" or (zirconium adj oxide) or (zirconium adj dioxide) or zirconia or "al2o3" or (aluminum adj oxide) or alumina or "sic" or (silicon adj carbide)) and (substrate same (metal metallic steel aluminum))) and (428/336.ccls. 524/858.ccls. 524/859.ccls. 106/14.44.ccls.)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/21 11:53
-	75	ormosil	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2004/01/21 09:42
-	343	ormosil or ((organic or organically) adj (modif\$4 or modified) adj silicate) or ormocer or ((organic or organically) adj (modif\$4 or modified) adj ceramic)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/03/06 08:59
-	13029	solgel or "sol-gel"	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/03/06 08:58
-	143	(ormosil or ((organic or organically) adj (modif\$4 or modified) adj silicate) or ormocer or ((organic or organically) adj (modif\$4 or modified) adj ceramic)) and (solgel or "sol-gel")	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/05 15:53
-	88	((ormosil or ((organic or organically) adj (modif\$4 or modified) adj silicate) or ormocer or ((organic or organically) adj (modif\$4 or modified) adj ceramic)) and (solgel or "sol-gel")) and ((inorganic adj filler) or "tio2" or (titanium adj oxide) or (titanium adj dioxide) or titania or "zro2" or (zirconium adj oxide) or (zirconium adj dioxide) or zirconia or (aluminum adj oxide) or alumina or "sic" or (silicon adj carbide))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/01/20 18:53
-	88	((ormosil or ((organic or organically) adj (modif\$4 or modified) adj silicate) or ormocer or ((organic or organically) adj (modif\$4 or modified) adj ceramic)) and (solgel or "sol-gel")) and ((inorganic adj (filler or particle)) or "tio2" or (titanium adj oxide) or (titanium adj dioxide) or titania or "zro2" or (zirconium adj oxide) or (zirconium adj dioxide) or zirconia or (aluminum adj oxide) or alumina or "sic" or (silicon adj carbide))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/05 16:07

-	33	(((ormosil or ((organic or organically) adj (modif\$4 or modified) adj silicate) or ormocer or ((organic or organically) adj (modif\$4 or modified) adj ceramic)) and (solgel or "sol-gel")) and ((inorganic adj (filler or particle)) or "tio2" or (titanium adj oxide) or (titanium adj dioxide) or titania or "zro2" or (zirconium adj oxide) or (zirconium adj dioxide) or zirconia or (aluminum adj oxide) or alumina or "sic" or	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/05 16:30
-	1	(silicon adj carbide))) and (428/\$.ccls. or 427/\$.ccls.) wo-200016912-\$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/03/05 16:30
-	1 13055	2000-293920.NRAN. solgel or "sol-gel"	IBM_TDB DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/03/05 16:30 2003/03/06 08:58
-	375	ormosil or ((organic or organically) adj (modif\$4 or modified) adj (silicate or silane)) or ormocer or ((organic or organically) adj (modif\$4 or modified) adj ceramic)	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/03/06 09:00
-	31604	tetraalkoxysilane teos meos tetraethoxysilane tetraethylorthosilicate tetramethoxysilane tetramethylorthosilicate	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/03/06 09:00
-	90	(solgel or "sol-gel") and (ormosil or ((organic or organically) adj (modif\$4 or modified) adj (silicate or silane)) or ormocer or ((organic or organically) adj (modif\$4 or modified) adj ceramic)) and (tetraalkoxysilane teos meos tetraethoxysilane tetraethylorthosilicate	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/03/06 09:01
-	14369	tetramethoxysilane tetramethylorthosilicate) inorganic same micron	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/03/06 09:01
	14	((solgel or "sol-gel") and (ormosil or ((organic or organically) adj (modif\$4 or modified) adj (silicate or silane)) or ormocer or ((organic or organically) adj (modif\$4 or modified) adj ceramic)) and (tetraalkoxysilane teos meos tetraethoxysilane tetraethylorthosilicate tetramethoxysilane tetramethylorthosilicate)) and (inorganic same micron)	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/06 09:09
-	2718	(solgel or "sol-gel") same (organic or organo or organically)	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/03/06 09:28
-	745922	((inorganic or oxide or nitride or carbide or carbonitride) adj2 particle) or "tio2" or "zro2" or "al2o3" or "sic" or (titanium adj (oxide or dioxide)) or (zirconium adj (oxide or dioxide)) or (aluminum adj oxide) or (silicon adj carbide) or titania or zirconia or alumina	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/03/06 09:16
-	1734	((solgel or "sol-gel") same (organic or organo or organically)) and (((inorganic or oxide or nitride or carbide or carbonitride) adj2 particle) or "tio2" or "zro2" or "al2o3" or "sic" or (titanium adj (oxide or dioxide)) or (zirconium adj (oxide or dioxide)) or (aluminum adj oxide) or (silicon adj carbide) or titania or zirconia or alumina)	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/03/06 09:17
-	257	adj carbide) or titania or zirconia or alumina) ((solgel or "sol-gel") same (organic or organo or organically)) and ((((inorganic or oxide or nitride or carbide or carbonitride) adj2 particle) or "tio2" or "zro2" or "al2o3" or "sic" or (titanium adj (oxide or dioxide)) or (zirconium adj (oxide or dioxide)) or (aluminum adj oxide) or (silicon adj carbide) or titania or zirconia or alumina) same (micron or micrometer))	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/06 09:43

-	6	((((solgel or "sol-gel") same (organic or organo or organically)) and	USPAT;	2003/03/06 09:18
_		((((inorganic or oxide or nitride or carbide or carbonitride) adj2 particle) or "tio2" or "zro2" or "al2o3" or "sic" or (titanium adj (oxide or dioxide)) or (zirconium adj (oxide or dioxide)) or (aluminum adj oxide) or (silicon	US-PGPUB; EPO; JPO; DERWENT;	2003/03/00 07.18
		adj carbide) or titania or zirconia or alumina) same (micron or micrometer))) and (ormosil or ((organic or organically) adj (modif\$4 or modified) adj (silicate or silane)) or ormocer or ((organic or organically)	IBM_TDB	
-	52485	adj (modif\$4 or modified) adj ceramic)) (silane organosilane alkoxysilane oxysilane) same (alkyl methyl ethyl propyl butyl isopropyl methacryl\$4 acryl\$4 vinyl epox\$5 glycidoxy\$)	USPAT; US-PGPUB; EPO; JPO;	2003/03/06 09:29
			DERWENT; IBM TDB	
-	2827	(solgel or "sol-gel") same (organic or organo or organically or ((silane organosilane alkoxysilane oxysilane) same (alkyl methyl ethyl propyl butyl isopropyl methacryl\$4 acryl\$4 vinyl epox\$5 glycidoxy\$)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/03/06 09:41
-	280	((solgel or "sol-gel") same (organic or organo or organically or ((silane organosilane alkoxysilane oxysilane) same (alkyl methyl ethyl propyl	USPAT; US-PGPUB;	2003/03/06 09:44
		butyl isopropyl methacryl\$4 acryl\$4 vinyl epox\$5 glycidoxy\$)))) and ((((inorganic or oxide or nitride or carbide or carbonitride) adj2 particle) or "tio2" or "zro2" or "al2o3" or "sic" or (titanium adj (oxide or dioxide)) or (zirconium adj (oxide or dioxide)) or (aluminum adj oxide) or (silicon adj carbide) or titania or zirconia or alumina) same (micron or	EPO; JPO; DERWENT; IBM_TDB	
		micrometer))		
-	14	((((solgel or "sol-gel") same (organic or organo or organically or ((silane organosilane alkoxysilane oxysilane) same (alkyl methyl ethyl propyl butyl isopropyl methacryl\$4 acryl\$4 vinyl epox\$5 glycidoxy\$)))) and ((((inorganic or oxide or nitride or carbide or carbonitride) adj2 particle) or "tio2" or "zro2" or "al2o3" or "sic" or (titanium adj (oxide or dioxide)) or (zirconium adj (oxide or dioxide)) or (aluminum adj oxide) or (silicon	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/06 09:45
		adj carbide) or titania or zirconia or alumina) same (micron or micrometer))) and (entrapped or encapsulated or dispersed)) and entrapped		
-	171	(((solgel or "sol-gel") same (organic or organo or organically or ((silane organosilane alkoxysilane oxysilane) same (alkyl methyl ethyl propyl butyl isopropyl methacryl\$4 acryl\$4 vinyl epox\$5 glycidoxy\$)))) and ((((inorganic or oxide or nitride or carbide or carbonitride) adj2 particle) or "tio2" or "zro2" or "al2o3" or "sic" or (titanium adj (oxide or dioxide)) or (zirconium adj (oxide or dioxide)) or (aluminum adj oxide) or (silicon adj carbide) or titania or zirconia or alumina) same (micron or	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/06 10:52
-	109	micrometer))) and (entrapped or encapsulated or dispersed) (((solgel or "sol-gel") same (organic or organo or organically or ((silane organosilane alkoxysilane oxysilane) same (alkyl methyl ethyl propyl butyl isopropyl methacryl\$4 acryl\$4 vinyl epox\$5 glycidoxy\$)))) and ((((inorganic or oxide or nitride or carbide or carbonitride) adj2 particle) or "tio2" or "zro2" or "al2o3" or "sic" or (titanium adj (oxide or dioxide)) or (zirconium adj (oxide or dioxide)) or (aluminum adj oxide) or (silicon adj carbide) or titania or zirconia or alumina) same (micron or micrometer))) not ((((solgel or "sol-gel") same (organic or organo or organically or ((silane organosilane alkoxysilane oxysilane) same (alkyl methyl ethyl propyl butyl isopropyl methacryl\$4 acryl\$4 vinyl epox\$5 glycidoxy\$)))) and ((((inorganic or oxide or nitride or carbide or carbonitride) adj2 particle) or "tio2" or "zro2" or "al2o3" or "sic" or (titanium adj (oxide or dioxide)) or (zirconium adj (oxide or dioxide)) or (aluminum adj oxide) or (silicon adj carbide) or titania or zirconia or alumina) same (micron or micrometer))) and (entrapped or encapsulated or dioxered))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/03/06 11:18
-	14	or dispersed)) "5585136"	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/03/06 12:27
		-	IBM_TDB	

1	silane)) or ormocer or ((organic or organically) adj (modif\$4 or modified) adj ceramic)) de-19917366-\$.did. de-19857317-\$.did.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/03/06 12:42
•		EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2003/03/06 12:42
•		US-PGPUB; EPO; JPO;	2003/03/06 12:42
1	de_19857316_\$ did	DERWENT;	
	de-17657510-9.drd.	IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2003/03/06 12:43
1	2000-443548.NRAN. de-19813709-\$.did.	DERWENT; IBM_TDB DERWENT USPAT; US-PGPUB; EPO; JPO;	2003/03/06 12:43 2003/03/06 12:45
1 1	1999-552197.NRAN. de-19706515-\$.did.	DERWENT; IBM_TDB DERWENT USPAT; US-PGPUB;	2003/03/06 12:44 2003/03/06 12:52
1 11	1998-448231.NRAN. "5766680"	EPO; JPO; DERWENT; IBM_TDB DERWENT USPAT; US-PGPUB;	2003/03/06 12:45 2003/03/06 12:46
1	de-3536716-\$.did.	DERWENT; IBM_TDB USPAT; US-PGPUB;	2003/03/06 13:03
6	"5766680" and (solgel or "sol-gel")	DERWENT; IBM_TDB USPAT; US-PGPUB;	2003/03/06 13:03
91	ormosil	DERWENT; IBM_TDB USPAT; US-PGPUB;	2003/08/12 11:13
82511	inorganic near6 (filler or particles)	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2003/08/12 12:16
	11 6 91	1 de-3536716-\$.did. 6 "5766680" and (solgel or "sol-gel") 91 ormosil	1 1998-448231.NRAN. DERWENT USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; US-PGP

-	21	ormosil and (inorganic near6 (filler or particles))	USPAT;	2003/08/12 11:19
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
_	19	(ormosil and (inorganic near6 (filler or particles))) and (inorganic same	USPAT;	2003/08/12 11:25
		organic)	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
_	11	(particle near4 (size or diameter)) and ((ormosil and (inorganic near6	USPAT;	2003/08/12 11:53
		(filler or particles))) and (inorganic same organic))	US-PGPUB;	2003/00/12 11.33
		(mer or particles))) and (morganic same organic))	EPO; JPO;	
			DERWENT;	
	1014	(argania ar arganiaally) nears (madified ar madiff) nears (ailianta ailian)	IBM_TDB	2002/09/12 11.52
-	1014	(organic or organically) near5 (modified or modif\$) near5 (silicate silica)	USPAT;	2003/08/12 11:52
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
1			IBM_TDB	
] -	1054	ormosil or ((organic or organically) near5 (modified or modif\$) near5	USPAT;	2003/08/12 11:52
1		(silicate silica))	US-PGPUB;	
	1		EPO; JPO;	
1			DERWENT;	
			IBM_TDB	
-	601	(organic or organically) near5 (modified or modif\$) near5 (silicate)	USPAT;	2003/08/12 11:52
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
l _	648	ormosil or ((organic or organically) near5 (modified or modif\$) near5	USPAT;	2003/08/12 11:52
	0.0	(silicate))	US-PGPUB;	2003/00/12 11:32
	1	(sineate))	EPO; JPO;	
			DERWENT;	
			IBM TDB	
	1288	inorganic near5 organic near5 hybrid	USPAT;	2003/08/12 11:53
	1200	morganic nears organic nears myorid	US-PGPUB;	2003/06/12 11.33
			EPO; JPO;	
1			DERWENT;	
	1906	amagil ((anagic an anagically) anag (analiga) anag	IBM_TDB	2002/00/12 11.52
-	1896	ormosil ((organic or organically) near5 (modified or modif\$) near5	USPAT;	2003/08/12 11:53
		(silicate)) (inorganic near5 organic near5 hybrid)	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
1		7 77	IBM_TDB	
-	346	(ormosil ((organic or organically) near5 (modified or modif\$) near5	USPAT;	2003/08/12 11:53
		(silicate)) (inorganic near5 organic near5 hybrid)) and (inorganic near6	US-PGPUB;	
		(filler or particles))	EPO; JPO;	
	1.		DERWENT;	
	1		IBM_TDB	•
-	217	(particle near4 (size or diameter)) and ((ormosil ((organic or organically)	USPAT;	2003/08/12 12:17
		near5 (modified or modif\$) near5 (silicate)) (inorganic near5 organic	US-PGPUB;	
		near5 hybrid)) and (inorganic near6 (filler or particles)))	EPO; JPO;	
			DERWENT;	
			IBM TDB	
-	. 133	((particle near4 (size or diameter)) and ((ormosil ((organic or organically)	USPAT;	2003/08/12 11:57
		near5 (modified or modif\$) near5 (silicate)) (inorganic near5 organic	US-PGPUB;	
ŀ		near5 hybrid)) and (inorganic near6 (filler or particles)))) and matrix	EPO; JPO;	
		(more of particles)))) and matrix	DERWENT;	
	1		IBM TDB	
_	8	(((particle near4 (size or diameter)) and ((ormosil ((organic or	USPAT;	2003/08/12 11:54
`	"	organically) near5 (modified or modif\$) near5 (silicate)) (inorganic near5	US-PGPUB;	2003/00/12 11.34
		organic near5 (modified or modifs) near5 (silicate)) (inorganic near5 organic near5 hybrid)) and (inorganic near6 (filler or particles)))) and	EPO; JPO;	
1	,	matrix) and ormosil		
		maury and officent	DERWENT;	
L	L <u></u>		IBM_TDB	

_	207	organically adj2 modif\$ adj2 silicate	USPAT;	2003/08/12 12:14
			US-PGPUB;	
			EPO; JPO;	
:			DERWENT; IBM TDB	
_	256	ormosil or (organically adj2 modif\$ adj2 silicate)	USPAT;	2003/08/12 11:58
			US-PGPUB;	
			ЕРО; ЈРО;	
			DERWENT;	
	45	(ormosil or (organically adj2 modif\$ adj2 silicate)) and (inorganic near6	IBM_TDB USPAT;	2003/08/12 11:59
-	45	(filler or particles))	US-PGPUB;	2003/06/12 11.39
			EPO; JPO;	
			DERWENT;	
	25	(nontials noon) (size on dismostan)) and ((ammosil on (arconically odi))	IBM_TDB	2002/09/12 11.50
-	25	(particle near4 (size or diameter)) and ((ormosil or (organically adj2 modif\$ adj2 silicate)) and (inorganic near6 (filler or particles)))	USPAT; US-PGPUB;	2003/08/12 11:59
		mount augz sineace)) and (morganic near of times of particles)))	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	35	((particle near4 (size or diameter)) or micron) and ((ormosil or	USPAT;	2003/08/12 11:59
		(organically adj2 modif\$ adj2 silicate)) and (inorganic near6 (filler or particles)))	US-PGPUB; EPO; JPO;	,
		particles)))	DERWENT;	
			IBM_TDB	
-	22	(((particle near4 (size or diameter)) or micron) and ((ormosil or	USPAT;	2003/08/12 11:59
		(organically adj2 modif\$ adj2 silicate)) and (inorganic near6 (filler or	US-PGPUB;	
		particles)))) and matrix	EPO; JPO; DERWENT;	ii.
			IBM TDB	
-	233	(organically or organic or organic\$) adj3 modif\$ adj3 silicate	USPAT;	2003/08/12 12:53
			US-PGPUB;	
			EPO; JPO;	
			DERWENT; IBM_TDB	
-	91	ormosil	USPAT;	2003/08/12 12:15
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
	33	ormocer same silicate	IBM_TDB USPAT;	2003/08/12 12:53
		officer same shear	US-PGPUB;	2000/00/12 12:00
			EPO; JPO;	
			DERWENT;	
	294	((organically or organic or organic\$) adj3 modif\$ adj3 silicate) ormosil	IBM_TDB USPAT;	2004/01/20 18:51
-	294	(ormocer same silicate)	US-PGPUB;	2001/01/2010.51
		<u>'</u>	EPO; JPO;	
			DERWENT;	
	396074	(inarganic pears (filler or particles)) or (filler)	IBM_TDB USPAT;	2003/08/12 12:17
-	3900/4	(inorganic near6 (filler or particles)) or (filler)	USPAT; US-PGPUB;	2003/00/12 12.17
			EPO; JPO;	
			DERWENT;	
	0.0	(// La	IBM_TDB	2002/08/12 12 12
-	98	(((organically or organic or organic\$) adj3 modif\$ adj3 silicate) ormosil (ormocer same silicate)) and ((inorganic near6 (filler or particles)) or	USPAT; US-PGPUB;	2003/08/12 13:13
		(filler))	EPO; JPO;	
		(//)	DERWENT;	
			IBM_TDB	
-	47	(particle near4 (size or diameter)) and ((((organically or organic or	USPAT;	2003/08/12 13:29
		organic\$) adj3 modif\$ adj3 silicate) ormosil (ormocer same silicate)) and ((inorganic near6 (filler or particles)) or (filler)))	US-PGPUB; EPO; JPO;	
		((morganic near) (tiner or particles)) of (finer)))	DERWENT;	
			IBM_TDB	
	·	• • • • • • • • • • • • • • • • • • • •		

	· -		r	
-	1	2002-643371.NRAN.	DERWENT	2003/08/12 12:52
-	66	(organically or organic or organic\$) adj3 modif\$ adj3 silane	USPAT;	2003/08/12 12:53
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	18	ormocer same silane	USPAT;	2003/08/12 12:53
			US-PGPUB;	
			EPO; JPO;	
		·	DERWENT;	
			IBM TDB	
-	83	((organically or organic or organic\$) adj3 modif\$ adj3 silane) (ormocer	USPAT;	2004/01/20 18:52
		same silane)	US-PGPUB;	
		,	EPO; JPO;	
			DERWENT;	
			IBM TDB	
l <u>-</u>	31	(particle near4 (size or diameter)) and (((organically or organic or	USPAT;	2004/01/20 18:53
		organic\$) adj3 modif\$ adj3 silane) (ormocer same silane))	US-PGPUB;	2001/01/2010.55
		(ormover same share)	EPO; JPO;	
			DERWENT;	
			· · · · · · · · · · · · · · · · · · ·	
1_	26	((particle near4 (size or diameter)) and (((organically or organic or	IBM_TDB USPAT;	2003/08/12 13:13
1	20			2003/08/12 13:13
		organic\$) adj3 modif\$ adj3 silane) (ormocer same silane))) not ((particle near4 (size or diameter)) and ((((organically or organic or organic\$) adj3	US-PGPUB; EPO; JPO;	
		modif\$ adj3 silicate) ormosil (ormocer same silicate)) and ((inorganic	DERWENT;	
	21	near6 (filler or particles)) or (filler))))	IBM_TDB	0000/00/10 10 10
-	31	(((organically or organic or organic\$) adj3 modif\$ adj3 silane) (ormocer	USPAT;	2003/08/12 13:13
		same silane)) and ((inorganic near6 (filler or particles)) or (filler))	US-PGPUB;	
			EPO; JPO;	
		·	DERWENT;	
			IBM_TDB	
-	26	((((organically or organic or organic\$) adj3 modif\$ adj3 silane) (ormocer	USPAT;	2003/08/12 13:14
		same silane)) and ((inorganic near6 (filler or particles)) or (filler))) not	US-PGPUB;	
		((particle near4 (size or diameter)) and ((((organically or organic or	EPO; JPO;	
		organic\$) adj3 modif\$ adj3 silicate) ormosil (ormocer same silicate)) and	DERWENT;	
		((inorganic near6 (filler or particles)) or (filler))))	IBM_TDB	
-	5	(((((organically or organic or organic\$) adj3 modif\$ adj3 silane) (ormocer	USPAT;	2003/08/12 13:28
		same silane)) and ((inorganic near6 (filler or particles)) or (filler))) not	US-PGPUB;	
		((particle near4 (size or diameter)) and ((((organically or organic or	EPO; JPO;	
	İ	organic\$) adj3 modif\$ adj3 silicate) ormosil (ormocer same silicate)) and	DERWENT;	
		((inorganic near6 (filler or particles)) or (filler))))) and (ormosil)	IBM_TDB	
-	7	3808370.pn. 3801344.pn. 3975203.pn.	USPAT;	2003/08/12 13:29
			US-PGPUB;	
		·	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	3	(particle near4 (size or diameter)) and (3808370.pn. 3801344.pn.	USPĀT;	2004/01/20 18:52
		3975203.pn.)	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
-	8	"5112884"	USPAT;	2004/01/21 10:08
			US-PGPUB;	
			EPO; JPO;	
	-		DERWENT;	
	[IBM TDB	
_	2	"5112884" and (ormosil ormocer)	USPAT;	2003/08/12 13:37
	-	2112004 and (officent officent)	US-PGPUB;	2003/00/12 13.37
			EPO; JPO;	
			DERWENT;	
	L		IBM_TDB	<u></u>

	1			
-	1	"5112884" and (ormosil ormocer) and filler	USPAT; US-PGPUB;	2003/08/12 14:49
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	0	ep-60911-\$.did	USPAT;	2003/08/12 14:49
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	0	ep-060911-\$.did	USPAT;	2003/08/12 14:49
			US-PGPUB;	
			EPO; JPO;	
		· ·	DERWENT;	
			IBM_TDB	
-	0	ep-0060911-\$.did	USPAT;	2003/08/12 14:49
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	17517	428/446.ccls. 428/447.ccls. 428/448.ccls. 428/450.ccls. 427/387.ccls.	USPAT;	2004/01/20 18:48
		427/376.2.ccls. 106/14.05.ccls. 106/287.16.ccls. 516/78.ccls. 516/79.ccls.	US-PGPUB;	
		528/10.ccls. 528/12.ccls. 528/14.ccls. 528/32.ccls. 528/33.ccls.	EPO; JPO;	
		528/34.ccls. 528/39.ccls.	DERWENT;	
			IBM_TDB	
-	319	((organically or organic or organic\$) adj3 modif\$ adj3 silicate) ormosil	USPAT;	2004/01/20 18:52
		(ormocer same silicate)	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	99	((organically or organic or organic\$) adj3 modif\$ adj3 silane) (ormocer	USPAT;	2004/01/20 18:52
		same silane)	US-PGPUB;	
1			EPO; JPO;	•
			DERWENT;	
			IBM_TDB	
-	391	(((organically or organic or organic\$) adj3 modif\$ adj3 silicate) ormosil	USPAT;	2004/01/20 18:52
		(ormocer same silicate)) or (((organically or organic or organic\$) adj3	US-PGPUB;	
		modif\$ adj3 silane) (ormocer same silane))	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	455632	(particle near4 (size or diameter))	USPAT;	2004/01/20 18:52
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	127	((((organically or organic or organic\$) adj3 modif\$ adj3 silicate) ormosil	USPAT;	2004/01/20 18:53
		(ormocer same silicate)) or (((organically or organic or organic\$) adj3	US-PGPUB;	
		modif\$ adj3 silane) (ormocer same silane))) and ((particle near4 (size or	EPO; JPO;	
		diameter)))	DERWENT;	
	921700	Constant Class and Class a	IBM_TDB	2004/01/20 10 77
-	821700	(inorganic adj filler) or "tio2" or (titanium adj oxide) or (titanium adj	USPAT;	2004/01/20 18:55
		dioxide) or titania or "zro2" or (zirconium adj oxide) or (zirconium adj	US-PGPUB;	
1		dioxide) or zirconia or "al2o3" or (aluminum adj oxide) or alumina or	EPO; JPO;	
		"sic" or (silicon adj carbide)	DERWENT;	
	(4251	((IBM_TDB	2004/01/20 10 55
-	64351	((particle near4 (size or diameter))) same ((inorganic adj filler) or "tio2"	USPAT;	2004/01/20 18:55
		or (titanium adj oxide) or (titanium adj dioxide) or titania or "zro2" or	US-PGPUB;	
		(zirconium adj oxide) or (zirconium adj dioxide) or zirconia or "al2o3" or	EPO; JPO;	
		(aluminum adj oxide) or alumina or "sic" or (silicon adj carbide))	DERWENT;	
	<u> </u>		IBM_TDB	

-	87	((((organically or organic or organic\$) adj3 modif\$ adj3 silicate) ormosil	USPAT;	2004/01/20 18:55
		(ormocer same silicate)) or (((organically or organic or organic\$) adj3	US-PGPUB;	
		modif\$ adj3 silane) (ormocer same silane))) and ((particle near4 (size or	EPO; JPO;	
		diameter))) and ((inorganic adj filler) or "tio2" or (titanium adj oxide) or	DERWENT;	
		(titanium adj dioxide) or titania or "zro2" or (zirconium adj oxide) or	IBM_TDB	
		(zirconium adj dioxide) or zirconia or "al2o3" or (aluminum adj oxide) or		
		alumina or "sic" or (silicon adj carbide))		
] -	29	((((organically or organic or organic\$) adj3 modif\$ adj3 silicate) ormosil	USPAT;	2004/01/20 19:01
		(ormocer same silicate)) or (((organically or organic or organic\$) adj3	US-PGPUB;	
		modif\$ adj3 silane) (ormocer same silane))) and (((particle near4 (size or	EPO; JPO;	
		diameter))) same ((inorganic adj filler) or "tio2" or (titanium adj oxide) or	DERWENT;	
		(titanium adj dioxide) or titania or "zro2" or (zirconium adj oxide) or	IBM_TDB	
		(zirconium adj dioxide) or zirconia or "al2o3" or (aluminum adj oxide) or		
]		alumina or "sic" or (silicon adj carbide)))		
-	58	(((((organically or organic or organic\$) adj3 modif\$ adj3 silicate) ormosil	USPAT;	2004/01/20 19:04
		(ormocer same silicate)) or (((organically or organic or organic\$) adj3	US-PGPUB;	
		modif\$ adj3 silane) (ormocer same silane))) and ((particle near4 (size or	EPO; JPO;	
1		diameter))) and ((inorganic adj filler) or "tio2" or (titanium adj oxide) or	DERWENT;	
<u> </u>		(titanium adj dioxide) or titania or "zro2" or (zirconium adj oxide) or	IBM_TDB	
		(zirconium adj dioxide) or zirconia or "al203" or (aluminum adj oxide) or		
		alumina or "sic" or (silicon adj carbide))) not (((((organically or organic		
		or organic\$) adj3 modif\$ adj3 silicate) ormosil (ormocer same silicate))		
		or (((organically or organic or organic\$) adj3 modif\$ adj3 silane)		
		(ormocer same silane))) and (((particle near4 (size or diameter))) same		
		((inorganic adj filler) or "tio2" or (titanium adj oxide) or (titanium adj		
		dioxide) or titania or "zro2" or (zirconium adj oxide) or (zirconium adj		
		dioxide) or zirconia or "al2o3" or (aluminum adj oxide) or alumina or		
		"sic" or (silicon adj carbide))))		
-	30	(((((organically or organic or organic\$) adj3 modif\$ adj3 silicate) ormosil	USPAT;	2004/01/20 19:08
		(ormocer same silicate)) or (((organically or organic or organic\$) adj3	US-PGPUB;	
		modif\$ adj3 silane) (ormocer same silane))) and ((particle near4 (size or	EPO; JPO;	
		diameter))) and ((inorganic adj filler) or "tio2" or (titanium adj oxide) or	DERWENT;	
		(titanium adj dioxide) or titania or "zro2" or (zirconium adj oxide) or	IBM_TDB	
		(zirconium adj dioxide) or zirconia or "al2o3" or (aluminum adj oxide) or		
	40	alumina or "sic" or (silicon adj carbide))) and (abrasion abrasive)		
-	49	((((((organically or organic or organic\$) adj3 modif\$ adj3 silicate) ormosil	USPAT;	2004/01/21 09:42
		(ormocer same silicate)) or (((organically or organic or organic\$) adj3	US-PGPUB;	
		modif\$ adj3 silane) (ormocer same silane))) and ((particle near4 (size or	EPO; JPO;	
		diameter))) and ((inorganic adj filler) or "tio2" or (titanium adj oxide) or	DERWENT;	
		(titanium adj dioxide) or titania or "zro2" or (zirconium adj oxide) or	IBM_TDB	
		(zirconium adj dioxide) or zirconia or "al2o3" or (aluminum adj oxide) or		
		alumina or "sic" or (silicon adj carbide))) and (substrate same (metal		
		metallic steel aluminum))		
-	6	(428/446.ccls. 428/447.ccls. 428/448.ccls. 428/450.ccls. 427/387.ccls.	USPAT;	2004/01/20 19:14
		427/376.2.ccls. 106/14.05.ccls. 106/287.16.ccls. 516/78.ccls. 516/79.ccls.	US-PGPUB;	
		528/10.ccls. 528/12.ccls. 528/14.ccls. 528/32.ccls. 528/33.ccls.	EPO; JPO;	
		528/34.ccls. 528/39.ccls.) and (((((organically or organic or organic\$)	DERWENT;	
		adj3 modif\$ adj3 silicate) ormosil (ormocer same silicate)) or	IBM_TDB	
		(((organically or organic or organic\$) adj3 modif\$ adj3 silane) (ormocer		İ
		same silane))) and ((particle near4 (size or diameter))) and ((inorganic		
		adj filler) or "tio2" or (titanium adj oxide) or (titanium adj dioxide) or titania or "zro2" or (zirconium adj oxide) or (zirconium adj dioxide) or		
		zirconia or "al2o3" or (aluminum adj oxide) or (zirconium adj dioxide) or zirconia or "al2o3" or (aluminum adj oxide) or alumina or "sic" or		
		(silicon adj carbide)))		
	L	(Sincon auj carbide)))		